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IN THE U.S. PATENT AND TRADEMARK OFFICE

January 22, 2007

Applicant(s): Yang-Suk KIM et al

For: SYSTEM FOR ANALYZING BIO CHIPS USING

GENE ONTOLOGY AND A METHOD THEREOF

Serial No.: 10/579 504 Group: 1631

Confirmation No.: 6564

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Atty. Docket No.: 5740.P0001US

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated December 22, 2006, Applicants respond as follows:

(Please see following pages.)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 22, 2007.

David G. Boutel